

**Specialty Training for
Emergency Medicine
2013-2014
Starting February 7-10, 2013
Las Vegas, NV**

**25 Hours Live Onsite & Webcast Program
3 Hour Optional Breakout Session**

Course Overview

This highly specialized and educationally intense training program will immerse Providers in the most important topics routinely encountered in emergency medicine.

General Educational Objectives

At the conclusion of this course, attendees from the Specialty Training for Emergency Medicine will:

- Describe the most current, evidence-based clinical practice for key core competency based topics in emergency medicine
- Augment their fund of knowledge to enhance their existing emergency medicine practice
- Expand their fund of knowledge to transition into emergency medicine practice
- Network with likeminded PA and NP providers

Course Objectives

Webinar-Monday, February 4, 2013 1 hour

6:00pm-7:00pm 1 hour

Ophthalmology Emergencies, Scott Corin, MD

- Discuss how to identify and properly diagnose and treat red eye cases that do not need referral to the ophthalmologist
- Discuss red eye cases that require prompt referral to an ophthalmologist
- Review pitfalls to avoid in the management of the red eye in the Emergency Department

Live Program

Thursday, February 7, 2013 5.5 hours

12:30pm-1:15pm 0.75 hour

Obstetrics and Gynecology in Emergency Medicine, Matt Brown, NP or Tom Vascik, PA-C

- Review appropriate ED management of common Ob/Gyn conditions, including Vaginal Bleeding in the Non-pregnant Patient, Abdominal and Pelvic Pain in the Non-pregnant Patient, Vulvovaginitis, and Pelvic Inflammatory Disease
- Discuss the pregnant Patient with vaginal bleeding, & Pain, review Ectopic Pregnancy
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

1:15pm-2:15pm 1 hour

Neurological Emergencies, John Alexander, MD or Tamas Peredy, MD

- Review the Neurologic Examination in the Emergency Setting
- Discuss appropriate ED management of common neurological conditions, including Headache, Stroke, and Transient Ischemic Attack, Altered Mental Status and Coma, Vertigo and Dizziness, Seizures and Status Epilepticus
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

2:15pm-3:00pm 0.75 hour

Ears, Nose, and Throat Disorders in Emergency Medicine, Tom Vascik, PA-C

- Review the normal anatomic examination
- Discuss appropriate ED management of common ENT conditions, including disorders of the External, Middle, and Inner Ear, Nasal Emergencies and Sinusitis, Oral and Dental Emergencies

3:00pm-4:00pm 1 hour

Infectious Disease in Emergency Medicine, Jay Chamberlain, PA-C

- Discuss appropriate ED management of common types of infections, including influenza, tetanus, rabies, soft tissue (MRSA) and tick borne illnesses

Review the appropriate use of antibiotics

4:00pm-4:45pm 0.75 hour

Trauma and Shock in Emergency Medicine, John Alexander, MD or Tamas Peredy, MD

- Describe the approach to trauma patient
- Review the Differential Diagnosis for causes of shock
- Discuss how to implement appropriate ED management of common types of shock, including: Hypovolemic shock-trauma & hemorrhage, dehydration
- Distributive shock- Septic, Anaphylaxis, A-V Fistula, neurogenic, Adrenal Insufficiency
- Cardiogenic Shock-Obstructive- Pulmonary Embolism, Acute Valvular Stenosis
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

4:45pm-5:15pm 0.5 hour

Basic Airway Management, Erich Fogg MMSc., PA-C

- Review key airway anatomy
- Review basic airway control indications and procedures

Discuss advanced techniques for nasal and oral tracheal Intubation

5:15pm-6:00pm 0.75 hour

Introduction to the Emergency Department, Erich Fogg MMSc., PA-C

- This pre-course lecture focuses on practical topics for those PAs and NPs seeking to start or transition into an emergency medicine position.
- Review the different members of emergency department team and describe the responsibilities of each member of the team.
- Discuss the tools and resources available in the emergency department, and how to generally approach a patient.
- Review the process of triaging, working up, and dispositioning patients.

Friday, February 8, 2013 5 hours

9:00pm-12:00pm 3 hours Optional Breakout Sessions

See the breakout sessions at the end.

1:00pm-2:00pm 1 hour

Emergency Toxicology, Tamas Peredy, MD

- Be able to understand and discuss the initial identification and management of a poisoned patient.
- Understand the rationale and role for administration of oxygen, naloxone, dextrose, thiamine, and other antidotes, and understand the risks associated with their administration.
- Learn to select the appropriate methods of gastrointestinal decontamination for a poisoned patient. Define toxidromes for patients with opioid, sympathomimetic, anticholinergic, and cholinergic agent poisoning.

2:00pm-3:00pm 1 hour

Dyspnea, Erich Fogg, PA-C or Terry Mize, PA-C

- Describe the approach to patients with dyspnea and acute respiratory distress
- Review appropriate ED management of common pulmonary conditions, including Bronchitis, Pneumonia, Acute Asthma in Adults, Chronic Obstructive Pulmonary Disease, Spontaneous and Iatrogenic Pneumothorax
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

3:00pm-3:45pm 0.75 hour

Small Group Cases Sessions, John Alexander, MD

Review and Discuss Emergency Medicine case presentations including input and interaction with small groups within the attendees.

3:45pm-5:15pm 1.5 hours

Common Musculoskeletal Disorders in Emergency Medicine (Part 1),

Alan Johnston, PA-C or Scott Evans, PA-C

- Review the approach to patients with commonly encountered orthopedic conditions/injuries
- Discuss appropriate ED management of common orthopedic injuries to the Upper Extremities, the Lower Extremities and the Spine
- Review orthopedic imaging commonly seen in EM practice as related to injuries of the Upper Extremities, the Lower Extremities and the Spine
- Discuss therapeutic options and treatment plans and disposition in selected orthopedic pathologies

5:15pm-6:00pm 0.75 hour

Errors in Diagnosis, Erich Fogg, MMSc., PA-C

- Review the common medical
- Discuss how to protect yourself against issues related to medical malpractice and medical errors.

Saturday, February 9, 2013 9 hours

7:30am-8:45am 1.25 hours

Asthma/COPD, Terry Mize, PA-C

- Describe the
- Review appropriate
- Discuss how to

8:45am-9:45am 1 hours

Pediatric Fever, Terry Mize, PA-C & Jay Chamberlain, PA-C or John Alexander, MD

- Discuss appropriate ED management of common pediatric emergencies and urgencies including, but not limited to: Bacteremia, Sepsis, and Meningitis, Otitis and Pharyngitis, Viral and Bacterial Pneumonia, Asthma and Bronchiolitis, Vomiting and Diarrhea, Abdominal Emergencies, Upper Respiratory Emergencies, and Pediatric Exanthems
- Review the normal child exam and the definition, evaluation and management of pediatric fever

9:45am-10:45am 1 hour

Otitis/Pharyngitis, Terry Mize, PA-C

- Describe the
- Review appropriate
- Discuss how to

10:45am-11:30am 0.75 hour

Small Group Cases Sessions, John Alexander, MD

Review and Discuss Emergency Medicine case presentations including input and interaction with small groups within the attendees.

Lunch 11:30-12:15pm

12:15pm-1:45pm 1.5 hours

Common Musculoskeletal Disorders in Emergency Medicine (Part 2),

Alan Johnston, PA-C or Scott Evans, PA-C

- Review the approach to patients with commonly encountered orthopedic conditions/injuries
- Discuss appropriate ED management of common orthopedic injuries to the Upper Extremities, the Lower Extremities and the Spine
- Review orthopedic imaging commonly seen in EM practice as related to injuries of the Upper Extremities, the Lower Extremities and the Spine
- Discuss therapeutic options and treatment plans and disposition in selected orthopedic pathologies

1:45pm-2:45pm 1 hour

Cardiology Issues in Emergency Medicine ACS, John Alexander, MD or Tamas Peredy, MD & Terry Mize, PA-C

- Review clinical, laboratory, and imaging studies that indicate severity of cardiac disease
- Discuss appropriate ED management of Acute Coronary Syndromes (ACS): Acute Myocardial Infarction and Unstable Angina
- Discuss how to differentiate ACS w/o enzyme leak, NSTEMI and STEMI

2:45pm-3:30pm 0.75 hour

Small Group Cases Sessions, John Alexander, MD

Review and Discuss Emergency Medicine case presentations including input and interaction with small groups within the attendees.

3:30pm-4:30pm 1 hour

Cardiology Issues in Emergency Medicine-other chest pain causes, John Alexander, MD or Tamas Peredy, MD & Terry Mize, PA-C

- Describe the approach to patients with Chest Pain
- Review clinical, laboratory, and imaging studies that indicate severity of cardiac disease
- Review appropriate ED management of Congestive Heart Failure and Acute Pulmonary Edema, Pulmonary Embolism, Hypertensive Emergencies, and Aortic Dissection and Aneurysms
- Describe how to synthesize results of H&P EKG, labs, imaging, to determine therapeutic options and formulate treatment plan and disposition

4:30pm-5:15pm 0.75 hour

Psychosocial Issues in Emergency Medicine, Matt Brown, NP

- Review appropriate ED management of acute psychiatric disorders
- Discuss legal issues related to management of the psychiatric patient

Sunday, February 10, 2013 4.5 hours

7:30am-8:30 am 1 hour

Genital Urinary Emergencies, Terry Mize, PA-C

- Discuss appropriate ED management of common urologic and renal conditions, including Urinary Tract Infections, Male Genital Problems, Urologic Stone Disease,
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

8:30am-10:30am 2 hours

Gastroenterology in Emergency Medicine, Jay Chamberlain, PA-C & Matt Brown, NP

- Describe the approach to patients with abdominal pain
- Review appropriate ED management of common gastrointestinal conditions to include Vomiting, Diarrhea, and Constipation, Gastrointestinal Bleeding, Acute Appendicitis, Intestinal Obstruction, Ileitis, Colitis, and Diverticulitis, Cholecystitis and Biliary Colic, Hepatic Disorders and Hepatic Failure, Acute and Chronic Pancreatitis
- Discuss how to synthesize results of H&P, laboratory values, and imaging/diagnostic studies to determine therapeutic options and formulate treatment plan and disposition

10:30am-11:15am 0.75 hour

Dermatology in the Emergency Medicine, Terry Mize, PA-C

- Review the approach to the Dermatologic Patient in the Emergency Department
- Learn and implement appropriate ED management of some 'can't miss' dermatologic emergencies, including Necrotizing fasciitis, cellulitis, meningococcemia, Stevens-Johnson syndrome, Staph/strep toxic shock syndrome, and drug hypersensitivity syndrome

11:15am-12:00pm 0.75 hour

Malpractice Issues for You, Erich Fogg, MMSc., PA-C

- Review the common medical-legal issues encountered in the emergency department, including COBRA and EMTALA laws
- Discuss how to protect yourself against issues related to medical malpractice and medical errors.

Optional Breakout Sessions

Friday, February 8, 2013 9:00am- 12:00pm

Attendees may sign up for a maximum of two (2) 1.5 hour breakout sessions from those offered at each program and/or one (1) Introduction to Ultrasound session which is 3 hours. Not all sessions will be offered during every program. Please see the listing for each program online at CMR4CME.com.

1-Suturing 1.5 hours

- Review basic materials needed for proper suturing
- Discuss techniques for wound repair-Including simple, subcutaneous, running, mattress suture techniques
- Demonstrate and practice the wounds repair techniques

2-Splinting 1.5 hours

- Review indications for splinting extremities
- Discuss available splinting materials in Emergency Medicine practice
- Review specific application techniques for upper and lower extremity splints
- Practice the specific upper and lower extremity splint applications

3-Airway Management 1.5 hours

- Review indications and options for emergent airway management in the ED
- Review available tools for effective management of airway problems
- Demonstrate appropriate use of endotracheal intubation and LMA airway management on adult and pediatric patients
- Practice adult and pediatric airway management techniques

4-Orthopedic Physical Exam-Upper Extremity 1.5 hours

- Discuss normal anatomical landmarks and palpation of the shoulder, elbow, hand and wrist
- Review common upper extremity orthopedic special tests
- Practice the upper extremity orthopedic exam

5-Orthopedic Physical Exam-Lower Extremity 1.5 hours

- Discuss normal anatomical landmarks and palpation of the hip, knee, foot and ankle
- Review common lower extremity orthopedic special tests
- Practice the upper extremity orthopedic exam

6- Chest Xray Review 1.5 hours

- Discuss how to accurately review chest xray studies
- Review anatomical considerations on the chest xray
- Review and discuss common chest xray cases